

Part One. Missourians More Frequently with Myocardial Infarction

Table 1. Change of Myocardial Infarction Burden in Missouri, 1997 to 2007

Indicator	Disease	Rate		Note
		1997	2007	
Prevalence	Myocardial Infarction	5.2 (2005)	5.3 (2008)	per 100
Emergency Room Visits	Acute Myocardial Infarction	0.3	0.3	per 1,000
Inpatient Hospitalizations	Acute Myocardial Infarction	26.8	20.5	per 10,000
Death	Acute Myocardial Infarction	107.9	63.2	per 100,000

Table 2. Missourians More Frequently with Myocardial Infarction, 2007 or 2008

Group with Higher Rate						Missourians More Frequently with Myocardial Infarction	Ratio of Highest to Lowest Value
Myocardial Infarction			Acute Myocardial Infarction				
Prevalence			Emergency Room Visits	Inpatient Hospitalizations	Death Rate		
Missouri State	5.3/100		0.3/1,000	20.5/10,000	63.2/100,000		
Year	2008		2007	2007	2007		
Age	> 45 years	4.2-15.6	> 45 years	> 45 years	> 45 years	Age > 45 years	biggest
Income	< \$25000	10.0-11.8	-	-	-	Income < \$25000	bigger
Education	≤ H. S.	6.7-11.1	-	-	-	Education ≤ H. S.	bigger
Gender	Male	6.6	male	male	male	male	small
Race	White	5.3	White	White = Black	Black	depend on indicator	smallest

Black Rate is at least **100** times higher than the rate of people whose age is under 15 years.

Red Rate is at least **10** times higher than the rate of people whose age is 18-24 years.

Yellow Rate is at least **3** times higher than the rate of people who earned more than \$50,000/year or who graduated from college.

Part Two. Missourians More Frequently with Stroke

Table 3. Change of Stroke Burden in Missouri, 1997 to 2007

Indicator	Rate		Note
	1997	2007	
Prevalence	3.4 (2005)	3.4 (2008)	per 100
Emergency Room Visits	0.6	0.8	per 1,000
Inpatient Hospitalizations	35.6	29.9	per 10,000
Death	64.9	48.1	per 100,000

Table 4. Missourians More Frequently with Stroke, 2007 or 2008

Group with Higher Rate						Missourians More Frequently with Stroke	Ratio of Highest to Lowest Value
	Prevalence	Emergency Room Visits	Inpatient Hospitalizations	Death			
Missouri State	3.4/100	0.8/1,000	29.9/10,000	48.1/100,000			
Year	2008	2007	2007	2007			
Age	> 45 years	2.7-10.6	> 45 years	> 45 years	> 45 years	Age > 45 years	biggest
Income	< \$25000	6.2-8.2	-	-	-	Income < \$25000	bigger
Education	< H. S.	7.8	-	-	-	Education < H. S.	bigger
Race	Black	4.1	White = Black	Black	Black	Black	small
Gender	Female	4.1	male	male	male ≈ female	Dependent on indicator	smallest
Black	Rate is at least 100 times higher than the rate of people whose age is under 15 years.						
Blue	Rate is at least 28 times higher than the rate of people whose age is under 15 years.						
Red	Rate is at least 9 times higher than the rate of people whose age is 18-24 years.						
Yellow	Rate is at least 3 times higher than the rate of people who earned more than \$50,000/year or who graduated from college.						